

ABSTRACT OF THE DISCLOSURE

An apparatus and method for creating and recording management information for searching recorded digital data streams is described. When a digital data stream is recorded on a recording medium, index information for pointing to the location of the time information corresponding to the first stream object unit of each stream object on a time information table is created and recorded. Alternatively, the index information contains the number of start stream object unit for the selected stream object. When reproducing or searching the recorded digital data stream, a stream object is found using the time information of stream objects and the recording location corresponding to a requested search time is found using the index information.